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PRODUCT INFORMATION SHEET

ARLON® Product Number 55978X030

PRODUCT DESCRIPTION

Design / Construction

Interleave: 0.003" polyethylene
Side 2, Layer 2: Uncured Silicone Rubber
Side 2, Layer 1: Cured Silicone Rubber
Substrate Style 162 fiberglass
Side 1: Cured Silicone Rubber



Rubber Add-On Thickness

	Value	Method
Side 2, Layer 2:	0.0080"	Arlon SQA-TMS-003
Side 2, Layer 1:	0.0020"	Arlon SQA-TMS-003
Side 1:	0.0015"	Arlon SQA-TMS-003
Overall Thickness:	0.0305"	Arlon SQA-TMS-003

Product Color : Blue Gray

TYPICAL PROPERTIES

Silicone Properties

	Value	Method
Tensile Strength psi	1290	Arlon SQA-TMS-008
Elongation %	150	Arlon SQA-TMS-008
Tear Strength (Die B) lb/in	83	Arlon SQA-TMS-029
Durometer Shore A Points	62	Arlon SQA-TMS-014
Specific Gravity ---	1.44	Arlon SQA-TMS-024

Substrate Properties

	Value	Method
Thickness	0.019"	Arlon SQA-TMS-003
Color	White	N/A

Product Properties

	Value	Method
Dielectric Strength volts/mil	618	Arlon SQA-TMS-020
Bond Strength (S2 to S2) lb/in	3.0	Arlon SQA-TMS-011
Flame Resistance UL94	V-0	Arlon SQA-TMS-019
Total Product Weight oz/yd ²	31.0	Arlon SQA-TMS-025

SHELF LIFE & PROCESSING RECOMMENDATIONS

Product Shelf Life 6 months from date of manufacture @ 70°F
Note: Shelf life is defined as the duration of time for which the product will meet the physical characteristics outlined on this page. It does not guarantee the product's usefulness in all applications.

Recommended Cure Cycle 15 minutes @ 350°F and 50 psi

Recommended Postcure Cycle 400°F for 2 hours

Product Operating Temperature -70°F to 428°F

The data presented in this document represents typical values for the production material.

Typical values should not be used for specification limits.

Please verify that any printed hard copy of this datasheet is current by referencing: www.rogerscorp.com/arlton

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